

ZASOV, Ivan Alekseyevich, kand.tekhn.nauk; PIKOVSKIY, Yakov Moiseyevich,
dotsent, kand.tekhn.nauk; VOSKRZSENSKIY, I.M., red.; AVHUSHCHENKO,
R.P., red.izd-va; VOLKOV, S.V., tekhn.red.

[Asphalt concrete plants] · Asfal'tobetonnnye zavody. Pod obshchel
red. IA. Pikovskogo. Moskva, Izd-vo M-va kommun.khoz. RSFSR,
1958. 499 p. (MIRA 12:3)
(Asphalt concrete) (Concrete plants--Equipment and supplies)

ZASOV, I.A.

Methodology for developing the standard types and dimensional series of machinery for street cleaning and city sanitation, and the economic efficiency of standardization. Nauch. trudy AKKH no.32:3-23 '64. (MIRA 19:1)

BRILING, N.S.; LEVACHEVA, L.I.; ZASOV, V.D., nauchn. red.; OLEYNIK,
L.K., red.

[Detailing structural units] Detalirovanie uzla stroitel'-
noi konstruktsii. [n.p.] Rosvuzizdat, 1963. 23 p.
(MIRA 17:7)

ZASOV, V.D.; SOBOLEV, N.A., dots, retsenzent; KAROYEV, Yu.I.,
dots., retsenzent; ZAKHAROVA, N.A., red.

[Projections with numerical marks; a book of problems]
Proektsii s chislovyimi otmetkami; zadachnik. [n.p.]
Rosvuzizdat, 1963. 167 p. (MIRA 17:6)

1. Kafedra nachertatel'noy geometrii i grafiki Voenno-
inzhenernoy akademii im. Kuybysheva (for Sobolev). 2. Ka-
fedra nachertatel'noy geometrii Moskovskogo inzhenerno-
stroitel'nogo instituta (for Karoyev).

SINYAGOVSKIY, Ivan Stepanovich; DVOYEGLAZOVA, Anastasiya Dmitriyevna;
ZASOVA, Antonina Fedorovna; BALOVNEV, Georgiy Grigor'yevich;
SHELKOV, N.I., red.; COROKHOVA, S.S., tekhn. red.

[Manual for laboratory work on the resistance of materials] Ru-
kovodstvo k laboratornym rabotam po soprotivleniu materialov,
Moskva, Gos.izd-vo "Vysshaya shkola," 1961. 181 p.
(MIRA 15:2)

(Materials--Testing)

SILKIN, Ye.A., kand. tekhn. nauk [deceased]; ZASOSOVA, A.F.,
kand. tekhn. nauk, red.

[Impact cyclical strength of steels used in the
manufacture of agricultural machinery] Udarno-
tsiklicheskaia prochnost' stali primenyaemykh v sel'-
skokhoziaistvennom mashinostroenii. Moskva, Izd-vo
"Mashinostroenie," 1964. 89 p. (MIRA 17:8)

S/137/63/000/002/025/034
A006/A101

AUTHORS: Silkin, Ye. A., Sinyagovskiy, I. S., Zasova, A. F.

TITLE: Investigating the process of carbon steel failure under the effect of repeated alternating impact loads and substantiating the selection of permissible service life

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1963, 48, abstract 21268 ("Dokl. Mosk. s.-kh. akad. im. K. A. Timiryazeva", 1962, no. 73, 323 - 335)

TEXT: The authors investigated the duration of the fatigue period until the appearance of cracks (period N_1) and the duration of the propagation of a fatigue crack (period N_2) under the effect of repeated alternating impact loads on specimens 15 mm in diameter (100 mm length of the operational part) of Cr.3 (St.3), 45, and Y-8A (U-8A) steels. The duration of period N_1 depends upon σ_w and the strength of the investigated material (the higher σ_w the higher N_1). The duration of N_2 depends upon a_k of the material (the higher a_k the greater N_2). The operation of parts can be considered to be safe until the moment when the

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Investigating the process of...

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fatigue crack spreads over about 1.5% of the total sectional surface of the part. The permissible operational number of cycles at impact loads can be determined from the correlation $N_{perm} = (n+m)N$ where N is the number of cycles until the breakdown, $nN-N_1$ is the number of cycles until the appearance of fatigue cracks, $mN-N_2$ is the number of cycles until the moment when the crack surface attains a value of 0.01 - 0.015 of the total area of the section. For the aforementioned steels $N_{perm} = 0.8 N$.

V. Ivanova

[Abstracter's note: Complete translation]

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85532

S/032/60/026/011/022/035
B004/B067

188200

AUTHORS: Silkin, Ye. A., Zasova, A. F., and Sinyagovskiy, I. S.

TITLE: Methods of Stress Determination in the Impact Bending Test

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 11,
pp. 1289 - 1292

TEXT: The authors deal with two problems. 1) Direct calibration of the piezoquartzes on the ДСВ-150 (DSVO-150) impact machine. First the bending of a sample by means of a device described earlier (Ref. 1) is measured and, subsequently, the stress at which the same bending occurs is determined by means of a ДС-05 (DS-05) dynamometer. The maximum stress applied to the piezoquartzes is 400 kg/cm². 2) The theoretical assumption that the total energy A_0 of the impact is transformed into the potential energy U_0 of the deformation, is incorrect. The equation $U_0 = \eta A_0$ was obtained by measurements made by the authors. The equations $\eta = 0.066\sqrt{E_2\delta}$ (E_2 modulus of elasticity of the sample, δ its bending) which are

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Methods of Stress Determination in the
Impact Bending Test

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sufficiently accurate for practical purposes, and $\eta = 0.056\sqrt{(2 - v_0)E_2\delta}$
by taking account of the impact velocity v_0 are suggested for determining
the factor η . L. T. Timoshuk and Yu. S. Tomenko are mentioned. There are
4 figures and 11 Soviet references.

ASSOCIATION: Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo
khozyaystva (Moscow Institute of Rural Mechanization and
Electrification) X

Card 2/2

SOWA, Jozef; ZASOWSKA, Krystyna

Occurrence of infectious hepatitis among health service workers treated in departments for infectious diseases in Cracow during the past 10 years. Przegl. lek. 21 no.9:539-542 '65.

1. Z Kliniki Chorob Zakaznych AM w Krakowie (Kierownik: Prof. dr. med. W. Fejkiel).

TYLKIN, M.A.; MEL'NICHENKO, G.P.; ZASPITSKIY, N.A.

Service temperature conditions and thermal resistance of hot
trim saw disks. Izv. vys. ucheb. zav.; chern. met. 8 no.2:
183-187 '65. (MIRA 18:2)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i Metallur-
gicheskiy zavod im. Dzerzhinskogo.

TYLKIN, M.A.; MEL'NICHENKO, G.P.; ZASPITSKIY, N.A.; KHUDENKO, M.A.;
YUZVA, A.B.

Investigating service temperature conditions and the heat
resistance of rolls on transverse-spiral rolling mills.
Izv. vys. ucheb. zav.; chern. met. 7 no.11:124-130 '64.

(MIRA 17:12)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i
Dneprovskiy metallurgicheskiy zavod.

TYLKIN, M.A., dotsent, kand. tekhn. nauk; MEL'NICHENKO, G.P., inzh.;
ZASPITSKIY, N.A., inzh.

Temperature conditions of operation, heat resistance, and wear
resistance of rolls on three-high sheet rolling mills. Stal'
24 no.10:906-909 0 '64. (MIRA 17:12)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i zavod im.
Dzerzhinskogo.

TYLKIN, M.A., kand. tekhn. nauk; MEL'NICHENKO, G.P., inzh.; ZASPITSKIY,
N.A., inzh.

Heat resistance of hard-faced cores of cranes equipped with
crablike tongs. Svar. proizv. no.5:14-16 My '64. (MIRA 18:11)

1. Metallurgicheskiy zavod imeni Dzerzhinskogo.

24(5)
AUTHORS: Chou Kuang-chao, Zastavenko, I. G. SOV/56-35-6-15/44

TITLE: The Integral Transformation by I. S. Shapiro (Integral'noye preobrazovaniye I. S. Shapiro)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol 35, Nr 6, pp 1417-1425 (USSR)

ABSTRACT: The problem was raised and a solution was given by I. S. Shapiro; this formed the subject of his dissertation at MGU (Moscow State University). Unfortunately, he used a wrong transformation law (at $s > 0$) of wave functions (the spin transformation law for pure Lorentz transformations (Ref 2)), and therefore the formulae he obtained supply only a solution for spin zero. The present paper gives a solution of the Shapiro problem for an arbitrary spin by using the transformation law for the wave function according to reference 2; this is done by the same method of integral transformation that was employed by Shapiro. The first paragraphs are based on the results obtained by 2 previous papers (Refs 2, 3). The non-reducible representations of the proper Lorentz (Lorentz) groups as well as spin transformation in the transformation of the proper Lorentz groups are dealt with. The next chapters

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The Integral Transformation by I. S. Shapiro

SOV/56-35-6-15/44

deal with the integral transformation and the calculation of the factor C_{mq} , for which the following is obtained after

lengthy calculations: $C_{mq} = \frac{q^2 + (2m)^2}{(4\pi)^3}$.

The authors finally thank Professor M. A. Markov for the interest he displayed in this work. There are 4 Soviet references.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy
(United Institute for Nuclear Research)

SUBMITTED: May 5, 1958

Card 2/2

ZASOV, Ivan Alekseyevich; KARABAN, Georgiy L'vovich; POLININ, Konstantin
Mikhaylovich; PIKOVSKIY, Ya.M., dots., kand. tekhn. nauk, red.;
SHISTEB, G.M., red.; SOKOL'SKIY, I.F., red. izd-va; VOLKOV, S.B.,
tekhn. red.

[Special vehicles for municipal service; atlas of models] Spetsial'-
nye avtomobili gorodskogo khoziaistva; atlas konstruksii. Pod
obshchei red. IA.M. Pikovskogo. Moskva, Izd-vo M-va kommun. khoz.
RSFSR, 1957. 206 p. (MIRA 11:10)
(Street cleaning machinery) (Motortrucks)

25 (5)
AUTHORS:

Silkin, Ye. A., Zasova, A. P.

SOV/32-25-9-45/53

TITLE:

Electromechanic Cutout on the Testing Machine for Repeated Changing Torsion

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 9, p 1139 (USSR)

ABSTRACT:

Presently, cutouts (C) are used on testing machines for repeated changing torsion which are provided with a torsion dynamometer (TD) (Ref 1) and can stop the motor of the machine at the cutting out of the test specimen only if the vibration of the (TD) is interrupted. Thus, the beginning of the destruction of the test specimen and the exact number of stress cycles until the destruction of the test specimen cannot be exactly determined. An electromechanical (C) was designed which makes it possible to switch off the electromotor of the testing machine in case of a decrease of the torsional moment i. e. a decrease of the vibrational amplitude of the (TD) to a desired value. A scheme (Fig for machine PK-1) shows that the (C) operates on the principle that instantaneous pulses of an electric current can be used for the feeding of a relay the contacts of which are successively connected with the

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Electromechanic Cutout on the Testing Machine
for Repeated Changing Torsion

SOV/32-25-9-45/53

"Stop"-button of the starter device. The operation of the device is described here with the help of the afore-mentioned scheme. There are 1 figure and 1 Soviet reference.

ASSOCIATION:

Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (Moscow Institute for the Mechanization and Electrification of Agriculture)

Card 2/2

ZASOVA, A. F., Eng.

Cand. Tech. Sci.

Dissertation: "Elements of the Theory of Tractor Drives." Moscow Inst of Mechanization and Electrification of Agriculture imeni V. M. Molotov, 18 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

ZASOVA, A.F.

44-

AUTHORS: 1) Gornik, D. S.; 2) Argol', V. V.; 3) Popov, M. P.; 4) MDR, A. M.; Tolstoyev, V. V.; 5) Silkin, Ye. A.; ZASOVA, A. F. 8/032/60/034/03/060/044 2010/2117

TITLE: News in Brief
PERIODICAL: Zavodskaya laboratoriya, 1960, Vol 36, Nr 3, pp 391-392 (USSR)

TEXT: ad 1) It has been suggested by the authors to carry out the electric reversal of motors of the type 2B-1 and 2B-40 by changing the direction of the magnetic induction current generated by the stator of the electric motor. It is shown by means of a circuit diagram (Fig) how this has to be done. ad 2) The design of the mounting support for tensile-strength testing machines of the types 1M-12 and 7BM-100NPa has been improved by the authors. The modifications described are represented schematically (Fig) and described. ad 3) A simple device (Fig) intended to be used for measuring the bending stress during impact bending tests has been developed by the authors. The device works with a cathode-ray oscillograph, and permits to attain an accuracy of measurement ranging from 0.005 to 0.01 mm. There are 3 figures.

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ASSOCIATION: ad 1) Institut organicheskoy khimii i Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Organic Chemistry and Institute of Physical Chemistry of the Academy of Sciences, USSR); ad 2) Tsentrallyy nauchno-issledovatel'skiy Institut Ministerstva svyazi i svyaznykh mashin (Central Scientific Research Institute of the Ministry of Communications); ad 3) Institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (Institute of Mechanization and Electrification of Agriculture)

SILKIN, Ye.A.; ZASOVA, A.F.

Electromechanical circuit breaker for repeated torsion testing
machines, Zav.lab. 25 no.9:1139 '59. (MIRA 13:1)

1. Moskovskiy institut mekhanizatsii i elektrifikatsii sotsial'-
nogo khozyaystva.
(Materials--Testing) (Torsion)

SILKIN, Ye.A.; ZASOVA, A.F.

Impact endurance tests. Zav. lab. 27 no. 12:1514-1519 '61.
(MIRA 15:1)

1. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A. Timiryazeva.
(Steel—Testing)

Zasowska, K.

STARZECKA, Barbara; TOMASIK, Witold; ZASOWSKA, Krystyna

Certain observation on varicella and herpes zoster. Przegł. epidem.,
Warsz. 12 no.2:177-180 1958.

1. Z Kliniki Chorob Zakaznych A. M. w Krakowie Kierownik: prof. dr
J. Kostrzewski.

(CHICKENPOX,

relation to herpes zoster (Pol))

(HERPES ZOSTER

relation to chickenpox (Pol))

POLAND

ZASOWSKA, Krystyna, Clinic of Infectious Diseases (Klinika Chorob Zakaznych), AM [Akademia Medyczna, Medical Academy] in Krakow (Director: Prof. Dr. med. W. FEJKIEL)

"Recurrences in Infectious Hepatitis."

Warsaw-Krakow, Przeglad Lekarski, Vol 19, Ser II, No 4, 63, pp 219-220.

Abstract: [Author's Russian summary] Author discusses 12 cases of recurring infectious hepatitis out of a total of 1,260 cases over a five-year period. Differentiation takes into account the recently recognized recurrence hyperbilirubinemia syndrome. By comparison with the first infection, the course of the second is much more severe and its duration is longer. In the opinion of the author, the small case of recurrences in the clinic in Krakow is probably connected with the sparse use of corticoids in the treatment of infectious hepatitis in this clinic. There are six (6) references, of which four (4) are in Polish and two (2) are in German.

1/1

DOLEZALOWA, Marta; PEIKER, Wojciech; ZASOWSKI, Andrzej; ZONTEK, Franciszek

Relationship between microbial resistance to antibiotics and patient's age and sex. Pol. tyg. lek. 17 no.27:1063-1065 2 Jul '62.

1. Z Zakladu Mikrobiologii Lekarskiej AM w Krakowie; kierownik: prof. dr Z. Przybylkiewicz, z Kliniki Chorob Zakaznych AM w Krakowie; kierownik: prof. dr. Wl. Fejkiel i z II Kliniki Chirurgicznej AM w Krakowie; kierownik: prof. dr J. Oszaeki.

(DRUG RESISTANCE MICROBIAL) (ANTIBIOTICS)

POLAND

ZASOWSKI, Andrzej, DOLEZALOWA, Marta, PEIKER, Wojciech, and ZGORNIAK-NOWOSIELSKA, Izabela; Second Surgical Clinic (II Klinika Chirurgiczna) (Director: Prof. Dr. J. OSZACKI), Bacteriology Laboratory (Pracownia Bakteriologiczna) of the Clinic of Infectious Diseases (Klinika Chorob Zakaznych) (Director: Prof. Dr. Wl. FEJKIAL), and the Department of Medical Microbiology (Zaklad Mikrobiologii Lekarskiej) (Director: Prof. Dr. Z. PRZYBYLKIEWICZ), all of the AM [Akademia Medyczna, Medical Academy] in Krakow

"Routine In Vitro Determination of the Effect of Antibiotic Combinations."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 15, 8 Apr 63, pp 551-555.

Abstract: [Authors' English summary modified] In studying the effect in vitro of antibiotic combinations on surgical infections, the authors could not establish any correlation either with the antibiotics or bacterial strains, and recommend individual assays in vitro prior to use in therapy, using the paper strips method. Of the 17 references, two (2) each are Polish and German, one French, and 12 English.]

1/1

ZASOWSKI, Andrzej; DOLEZALOWA, Marta; PEIKER, Wojciech;
ZGORNIAK-NOWOSIELSKA, Izabela

Routine determination of the effect of associated antibiotics
in vitro. Pol. tyg. lek. 18 no.15:551-555 8 Ap '63.

1. Z II Kliniki Chirurgicznej AM w Krakowie; kierownik: prof.
dr J. Ossacki, z Pracowni Bakteriologicznej Kliniki Chorob
Zakaznych AM w Krakowie; kierownik: prof. dr Wl. Fejkiel, z
Zakladu Mikrobiologii Lekarskiej AM w Krakowie; kierownik:
prof. dr Z. Przytykiewicz,
(PHARMACOLOGY) (PENICILLIN) (STREPTOMICIN)
(CHLORAMPHENICOL) (CHLORTETRACYCLINE)
(OXYTETRACYCLINE) (DRUG RESISTANCE, MICROBIAL)

ZASOWSKI, Andrzej; BARYLAK, Andrzej; WOHN, Andrzej

Preventive use of antibiotics in surgery. Pol. przeł. chir.
35 no.4:291-297 '63.

1. Z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof.
dr J. Oszaeki.

(SURGERY, OPERATIVE) (ANTIBIOTICS)

ZASOWSKI, Adrezej; DOLEZALOWA, Marta

Morphological changes of the appendix and postoperative course after appendectomy in relation to bacteriological picture of peritoneal effusions in peritonitis. Polski przepl. chir. 31 no.10:1099-1104 Oct 59.

1. Z II Kliniki Chirurgicznej A. M. w Krakowie Kierownik: prof. dr K. Michejda i z Zaklady Mikrobiologii Lekarskiej A. M. w Krakowie Kierownik: prof. dr Z. Przytylkiewicz.
(APPENDICITIS, compl.)(PERITONITIS, microbiol.)

DOLEZALOWA, Marta; ZASOWSKI, Andrzej

Sensitivity of microorganisms to antibiotics in vitro in peritonitis consecutive to appendicitis. Polski przegl. chir. 31 no.10:1093-1098 Oct 59.

1. Z Zakładu Mikrobiologii Lekarskiej A. M. w Krakowie Kierownik: prof. dr Z. Przybylkiewicz i z II Kliniki Chirurgicznej A. M. w Krakowie Kierownik: prof. dr K. Michejda.
(ANTIBIOTICS, pharmacol.) (APPENDICITIS, compl.)
(PERITONITIS, microbiol.)

ZASOWSKI, Andrzej; DOLEZALOWA, Marta

Attempted evaluation of antibiotic sensitivity in a surgical department. Polski przegl. chir. 31 no.3:273-277 Mar 59.

1. Z II Kliniki Chirurgicznej A.M. w Krakowie Kierownik: prof. dr K. Michejda z Zakładu Mikrobiologii Lekarskiej A. M. w Krakowie Kierownik: prof. dr Z. Przybykiewicz. Krakow, ul. Kopernika 21.

(ANTIBIOTICS, ther. use,

in surg., sensitivity tests (Pol))

(SURGERY, OPERATIVE,

antibiotic ther. in, sensitivity tests (Pol))

ZASOWSKI, Andrzej.

Synergism and antagonism of antibiotics in vitro. Polski
przegl. chir. 33 no.7/9:904-906 '61.

1. Z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof. dr
J.Oszacki i z Zakładu Mikrobiologii Lekarskiej AM w Krakowie
Kierownik: prof. dr Z.Przybylkiewicz.
(ANTIBIOTICS pharmacol)

DOLEZALOWA, Marta; ZASOWSKI, Andrzej

Sensitivity of *Staphylococcus aureus* in vitro to erythromycin, oleandomycin triacetate and novobiocin in suppurative surgical diseases. *Polski przegl. chir.* 34 no.2:131-136 '62.

1. Z Kliniki Chorob Zakaznych AM w Krakowie Kierownik: prof. dr W. Fejkiel i z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof. dr J. Oszacki.

(STAPHYLOCOCCUS pharmacol)
(ANTIBIOTICS pharmacol)

(ERYTHROMYCIN pharmacol)
(NOVOBIOICIN pharmacol)

DOLEZALOWA, Marta; ZASOWSKI, Andrzej

Bacteriological picture and in vitro sensitivity of microorganisms to antibiotics in suppurative surgical infections. Polski przegl. chir. 31 no.2:129-144 Feb 59.

1. Z Zakładu Mikrobiologii Lekarskiej A. M. w Krakowie Kierownik: prof. dr. Z. Przybylkiewicz i z II Kliniki Chirurgicznej A. M. Krakowie Kierownik: prof. dr K. Micohejda Krakow, ul. Czysta 18, Zakład Mikrob. Lek. A.M.

(ANTIBIOTICS, effects,

bact. sensitivity of strains isolated from suppurative infect. (Pol))

ZATENATSKAYA, N.P.

Chemical composition of interstitial waters of Cenozoic clay
rocks in the Tobal-Ishim watershed and their relationship with
the waters of water-bearing horizons. Trudy Lab.gidrogeol.probl.
42:69-93 '62. (MIRA 15:8)

(Tobal Valley--Water--Composition)
(Ishim Valley--Water--Composition)

137-58-6-11337

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 11 (USSR)

AUTHORS: Koktashev, A.Ye. Zaspa, N.I.

TITLE: An Information Note on the Results of an Assignment to Plant Nr 418 of the Yana and Ore Mining Administration (Informatsionnaya zapiska o rezul'tatakh komandirovki na fabriku Nr 418 Yanskogo i gornopromyshlennogo upravleniya)

PERIODICAL: Tr. Vses. Magadansk. n.-i. in-ta za 1956 g. Magadan, 1957, pp 135-138

ABSTRACT: The following recommendations are made toward improving performance indices. Tailings of primary and secondary flotation concentrates and the middlings of the reflation concentrates should go to Nr 8 mill for additional fine grinding, then to be combined with the second fine gravitational concentrate for joint treatment. All the fine middlings of concentration in the fining department should also be combined with the second fine gravitational concentrate. The slimes of the fining department should be removed from the sulfide-concentrate repurification operation. The thickened slimes should be subjected to flotation for the purpose of removing the sulfides. A.Sh.

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1. Ores--Processing 2. Ores--Flotation 3. Industrial plants--Performance

ZASPA, N. I.,

137-1958-1-123

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 19 (USSR)

AUTHOR: Zaspа, N. I.

TITLE: An Effective Method of Mixing Concentrates (Effektivnyy metod peremeshivaniya kontsentratov)

PERIODICAL: Kolymа, 1956, Nr 8, pp 41-43

ABSTRACT: A novel method for the mechanical mixing of concentrates by stratification is proposed. The major equipment required is a scoop elevator, 2 distributor funnels rotating on a vertical shaft, and 2 bunkers of stated capacity in the form of truncated cones or truncated hexagonal pyramids. The entire equipment is airtight. The method is based on multiple stratification of all the material being processed. Rapid and effective mixing of a substantial volume of free-flowing dry materials is attained by successive stratification of the material followed by compaction of the thickness of these layers to a minimum, with simultaneous superimposition thereof in a strict sequence. The degree of compaction is expressed by the equation $K = A^n$ and the final weight by $q = Q/A^n$. The terminal compaction height of the layer of concentrate is $h = H/A^{n-1}$, where Q is the initial weight of the

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137-1958-1-123

An Effective Method of Mixing Concentrates

material, H is the initial thickness of the layer in the bunker, q is the final weight of the layer after n operations, A is the number of bins in the bunker, and n is the number of operations.

A. Sh.

1. Orea--Processing 2. Orea--Processing--Equipment

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ZASPELOVA, V.S.

New phyllopod genus *Petschoria* of the *Leaidae* family. *Paleont.-*
zhur. no.1:168-170 '62. (MIRA 15:3)

1. Laboratoriya geologii uglya AN SSSR, Leningrad.
(Pechora Valley--Branchipoda, Fossil)

ZASPELOVA, V. S.

15-57-4-4154

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 17 (USSR)

AUTHORS: Monakhova, L. P., Aleksandri-Sadova, T. A., Bushmina,
L. S., Zaspelova, V. S., Lyuber, A. A., Borsuk, M. O.

TITLE: The Use of Paleontologic Methods for Studying Coal-
Bearing Formations (K voprosu o primeneni paleontolo-
gicheskogo metoda pri izuchenii uglenosnykh tolshch)

PERIODICAL: Tr. Labor. geologii uglia AN SSR, 1956, Nr 5, pp 58-64.

ABSTRACT: This work is based on data from the eastern part of the
USSR (Karaganda, Kuzbass) and has to do with the fauna
and flora of continental deposits. Spores and pollen
are very important in studying the stratigraphy of the
coal-bearing sequence. This importance stems from the
presence of spores and pollen in the coal beds them-
selves, from their ability to travel through the air
which leads to wide distribution, and also from the fact
that they are well preserved. Insects are widespread in

Card 1/2

15-57-4-4154

The Use of Paleontologic Methods for Studying (Cont.)

the fine-grained lacustrine sediments. The value of the insects is enhanced by the fact that they are delicate indicators of changes in the ecological environment. The fresh-water pelecypod fauna may be traced over great distances in sediments of synchronous basins. Fresh-water pelecypods are very sensitive to changes in the external environment and may be of considerable use in paleogeographic investigations. More detailed study of this group is needed. Ostracods are also important, many of them having a narrow vertical range and showing insignificant variations horizontally in different types of rock. Phyllopoas, living in brackish-water and fresh-water reservoirs, may also be useful for correlation and age determination of strata. Gastropods and fish have not yet been studied sufficiently. The author notes that a stratigraphic boundary should be established by the appearance of a group of new, persistent forms. In the Karaganda basin, where the pelecypods, brachiopods, phyllopoas, ostracods, and flora were studied, emphasis is placed on the value of composite investigations when making stratigraphic and facies analyses.

Card 2/2

S. V. G.

ALEKSANDRI-SADOVA, T.A.; ZASPELOVA, V.S., kand. geol.-miner. nauk,
otv. red.

[Lamolibranchiata from Carboniferous sediments in the
Karaganda Basin] Plastinchatozhabernye iz kamennougol'-
nykh otlozhenii Karagandinskogo basseina. Moskva,
Nauka, 1965. 67 p. (MIRA 18:9)

ZASPELOVA, V.S.

Phyllopods from the Vorkuta series in the northeastern
part of the Pechora coal-bearing basin and the Pay-Khoy.
Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti
SSSR. no.2:82-113 '62. (MIRA 15:11)
(Pechora Basin--Branchiopoda, Fossil)
(Pay-Khoy--Branchiopoda, Fossil)

ZASPELOVA, V.S.; MONAKHOVA, I.P.; BUSHMINA, L.S.

Biostratigraphy of the coal-bearing formation in the Kraganda
Basin. Trudy Lab.geol.ugl. no.9:5-67 '59. (MIRA 13:4)
(Karaganda Basin--Petroleum geology)

ZASPLOVA, V.S.

Bivalve phyllopod crustaceans from upper coal series of the
central Kazakhstan Carboniferous. Trudy Lab.geol,uzl. no.9:
278-342 '59. (MIRA 13:4)
(Kazakhstan--Crustacea, Fossil)

ZASPELOVA, V.S.

Ostracods and their importance in the stratigraphy of the Devonian in the northwestern provinces of the Russian Platform.
Trudy VNIIGRI no.136:5-131 '59. (MIRA 13:4)
(Russian Platform--Ostracoda, Fossil)

ZASPLOVA, V. S.

AUTHOR

Zaspelova, V. S.

20-3-48/59

TITLE

The Age of the Upper Coal Measures of the Karaganda Basin as Determined According to Phyllopoidea (Vozrast verkhnikh ugleosnykh svit Karagandinskogo basseyna po listonogim rakoobraznym).

PERIODICAL

Doklady Akademii Nauk, 1957, Vol. 115, Nr 3, pp. 593-596 (USSR)..

ABSTRACT

Two-flap phyllopoidea occur frequently in continental carboniferous sediments. On the one hand, they are indicators of age, on the other hand, they characterize certain facies. The following sequence was established in the cross section of the carboniferous massif of the Karaganda basin. Akkuduk, Ashlyarik, upper Ashlyarik, Karaganda, upper Karaganda, Dolin, upper Dolin (Tentek) and Shakhan. Phyllopoidea occur in all layers except the three lower ones. The age of the layers were evaluated differently by various authors. The greater number of types of phyllopoidea are endemic. There are, however isolated cases, which are very similar to those from the middle and upper carbon of the Donetz basin, Westphalian and Stephan-deposits of western Europe and Pennsylvanian layers of North America. Finds are either tied to the roof layers of the coal seams or to the interposed Argyllit layers. They occur mostly in connection with plant remains, very rarely with fresh water pelezypodes and more often with Darwinula (Ostracoda) and fish scales. The oldest Phyllopoidea

Card 1/3

The Age of the Upper Coal Measures of the Karaganda Basin as 20-3-48/59
Determined According to Phyllopoidea.

remains found here belong to the upper part of the Karaganda sequence. They show facies of stagnant or slowly flowing lakes. Phyllopoidea occur most frequently in the Dolin-suite. Here sea facies are predominant and numerous Darwinula have been found. In the upper and lower part endemic, non-tinned forms are widely spread. The types occurring here also appear in sediments, which are situated more highly. Therefore the sediments of the Dolin-suite most probably correspond to the upper carbon. In the upper Dolin (Tentek) suite there appear a great number of interposed facies with phyllopoidea, which only have a limited distribution. Higher up, in the Shakhan-suite a few new types occur. The complex is similar to that of upper Dolin, but is enriched by the appearance of new types. With respect to its age this suite also belongs to the upper carbon. Finds of specific species in sediments of the same age in Kazakhstan made it possible to classify cross-sections widely separated from each other. There are 7 Slavic references and 1 table.

ASSOCIATION Laboratory for Coal Geology AN USSR, Leningrad (Laboratoriya geologii uglya Akademii nauk SSSR Leningrad).

Card 2/3

20-3-48/59

The Age of the Upper Coal Measures of the Karaganda Basin as
Determined According to Phyllopoidea.

PRESENTED By D. V. Nalivkin, Academician, January 21, 1957

SUBMITTED January 10, 1957.

AVAILABLE Library of Congress.

Card 3/3

ZASPELOVA, V.S.; KOVAL'CHUK, G.M.

Paleontological characteristics of lower Mesozoic sediments in
the Kenderlyk trough. Trudy Lab.geol.ugl. no.12:207-231 '61.

(MIRA 14:8)

(Kenderlyk Valley--Coal geology)

ZASPELOVA, V.S.

New Lower Triassic Phyllopoda of genus Cornia. Paleont. zhur.
no.4:41-49 '65. (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.
Submitted Jan. 2, 1964.

ZASPELOVA, V.S.

Ostracods and phyllopois from the effusive-sedimentary complex in
Turgay Strait. Trudy Lab.geol.ucl. no.12:299-308 '61.

(MIRA 14:8)

(Turgay Valley--Entomostraco)

ZASPELOVA, V.S.

Ostracods of the family Drepanellidae from upper Devonian deposits
of the Russian Platform. Trudy VNIGRI no.60:157-216 '52.
(Russian Platform--Ostracoda, Fossil) (MLRA 10:8)

MONAKHOVA, L.P.; ALEKSANDRI-SADOVA, T.A.; BUSHMINA, L.S.; ZASPELOVA,
V.S.; LYUBER, A.A.; BORSUK, M.O.

Applying paleontological methods to the study of coal-bearing
formations. Trudy Lab.geol.ugl. no.5:58-64 '56. (MLBA 9:8)

1. Laboratoriya geologii uglia AN SSSR (for Monakhova, Aleksandri-
-Sadova, Bushmina, Zaspelova, Lyuber); 2. Vsesoyuznyy geologicheskiy
institut (for Borsuk).
(Paleontology, Stratigraphic) (Coal geology)

TARAKANOV, O.G.; VASIL'YEV, B.V.; PEREPECHKIN, L.P.; ZASPINOK, G.S.

Nature of the contamination of the solutions of cellulose triacetate. Khim. volok. no.3:43-46 '63. (MIRA 16:7)

1. Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol.

(Cellulose acetates)
(Textile fibers, Synthetic)

TYLKIN, M. A.; ZASPITSKIY, N. A.; MEL'NICHENKO, G. P.

Investigating temperature conditions of the service of charging bars. Izv.vys.ucheb.zav.; chern.met.7 no. 5:184-189 '64.
(MIRA 17:5)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i Metallurgicheskiy zavod im. Dzerzhinskogo.

TYLKIN, M.A.; ZASPITSKIY, N.A.; MEL'NICHENKO, G.P.

Investigating the heat resistance of charging bars in service conditions. Izv. vys. ucheb. zav.; chern. met. 7 no.9:155-159'64.
(MIRA 17:6)

1. Dneprodzorzhiyskiy metallurgicheskiy zavod-vtuz i
Metallurgicheskiy zavod im. Dzerzhinskogo.

TYLKIN, M.A., inzh.; ZASPITSKIY, N.A., inzh.

Thermal fatigue of steels. Mashinostroenie no.4:73-74
Jl-Ag '64. (MIRA 17:10)

TYLKIN, M.A.; ZASPITSKIY, N.A.; KUZNETSOVA, L.M.

Temperature service conditions and the heat resistance of
cutters for hot cutting. Izv. vys. ucheb. zav.; Chern. met.
7 no.2:189-194 '64. (MIRA 17:3)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i zavod
im. Dzerzhinskogo.

TYLKIN, M.A., kand. tekhn. nauk, dotsent; GREBENIK, V.M., kand. tekhn. nauk, dotsent; MEL'NICHENKO, G.P., inzh.; ZASPITSKIY, N.A., inzh.; KORDABNEV, I.L., inzh.

Temperature changes in the cup of a large blast furnace cell.
Stal' 24 no.5:408-411 My '64. (MIRA 17:12)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz,
Dnepropetrovskiy metallurgicheskiy institut i Dneprovskiy metallurgicheskiy zavod im. Dzerzhinskogo.

TYLKIN, M.A., kand. tekhn. nauk; MEL'NICHENKO, G.P., inzh.; KORDABNEV,
I.L., inzh.; ZASPITSKIY, N.A., inzh.; GREBENIK, V.M., kand. tekhn.
nauk; SYSUYEV, Yu.A., kand. tekhn. nauk; SVETUZAROV, A.V., inzh.

Temperature of the double-walled bell in the charging equipment.
Stal' 25 no.12:1079-1080 D '65. (MIRA 18:12)

Zass, B.M.

SUKHOMEL, G.I.; ZASS, B.M., kand. tekhn. nauk.

Method of reducing water resistance in shallow canals during the passage of ships at supercritical speeds. Izv. Inst. gidrol. i gidr. (MIRA 11:4)
AN URSR 9:50-56 '53.

1. Deystvitel'nyy chlen AN USSR (for Sukhomel).
(Canals) (Shore protection) (Hydrodynamics)

SUKHOMEL, G.; ZASS, V.

M.A. Sutyurin's article "More on draft changes of a moving ship."
Rech. transp. 15 no.8:18-19 Ag '56. (MLBA 9:11)
(Displacement (Ships))
(Sutyurin, M.A.)

ZASS, V.M., kandidat tekhnicheskikh nauk.

Draft changes in a moving vessel. Rech. transp. 14 no.11:16-22
H '55. (Displacement (Ships)) (MLRA 9:2)

SUKHOMEL, Georgiy Iosifovich; ZASS, Viktor Moysseyevich; YANKOVSKIY, Lev
Ignat'yevich; DIDKOVSKIY, M.M., kandidat tekhnicheskikh nauk,
otvetstvennyy redaktor; ZIL'BAN, M.S., redaktor izdatel'stva;
BAKHLINA, N.P., tekhnicheskiiy redaktor

[Studies of movement of ships in a restricted channel] Issledovanie
dvizheniia sudov po ogranichenym farvateram. Kiev, Izd-vo Akademii
nauk Ukrainskoi SSR, 1956. 162 p. (MLRA 10:2)
(Ships--Hydrodynamics)

SUKHOMEL, G.I.; ZASS, V.H.; YANKOVSKIY, L.I.

"Settling" of ships moving through canals and shallow river waters.
Izv. Inst. gidrol. i gidr. AN URSSR 12:98-128 '55. (MLRA 9:4)
(Hydrostatics) (Ship resistance)

SUKHOMEL, G.I.; ZASS, V.M., kandidat tekhnicheskikh nauk.

"On the method of calculating the draught of vessels during sailing
as suggested by Professor V.V.Zvonkov." Rech.transp. 14 no.3:11-14
Mr '55. (MIRA 8:5)

1. Deystvitel'nyy chlen Akademii nauk USSR (for Sukhomel).
(Zvonkov, V.V.) (Ships--Measurement)

2455, V.M.
ZASS, V.M.

Draft of ships moving through canals and shallow parts of small
rivers. Visnyk AN URSS 26 no.7:50-52 J1'55. (MLRA 8:10)
(Inland navigation)

ZASS, V. M.

Osnovy tekhnichnoi ekspluatatsii flotu na malykh rykakh. / Principles of technical exploitation of the lesser rivers fleet/. Kyiv, Vyd-vo Akademii nauk URSR, 1938. 108 p. illus.

Summary in Russian and English. CtY MH MIU HNC DLC: HE617.Z3

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

ZASSOWSKI, L.

"Produkcja olejnych wyrobów lakierniczych" (Production of oil paint products), by L. Zassowski. Reported in New Books (Nowe Książki), No. 14, July 15, 1955

PROCESSES AND PROPERTIES INDEX

B-D-5

Preparation of stable primary cellulose acetates. I. I. DUKKER and Z. H. EASTERS (From. Org. Chim., 1940, 7, 163-170).—After acetylation 50% AcOH is added to the syrup to give an (AcOH) of 60-61%, followed after some min. by H₂O at 60°, when primary cellulose acetate separates in readily washable form. The product is sol. in C₂H₅Cl-EtOH or CH₂Cl₂-C₂H₅-MeOH. The films obtained from it are stable up to 240-250° and have a low affinity for H₂O. H. T.

AISI-SLA METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

COMMON SYMBOLS INDEX

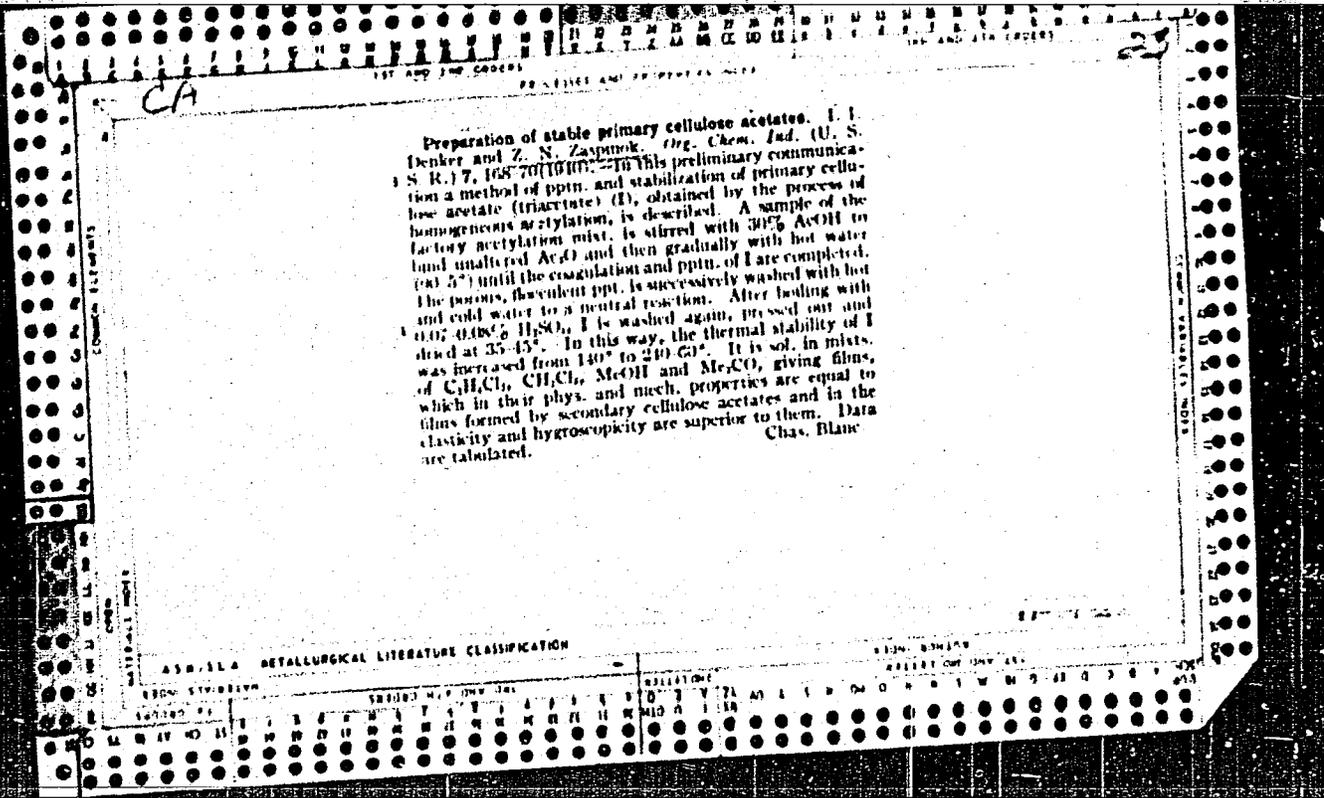
FROM DIVISION

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RELATIONS

LIST AND LISTED

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



ZASS, Ye.K.

Polychrosis batrana in vineyards of the Crimea. Zashch. rast.
ot vred. i bol. 7 no.9:30 S '62. (MIRA 16:8)

1. Vsesoyuznyy institut vinogradarstva i vinodeliya "Magarach."
(Crimea--Grapes--Diseases and pests)
(Crimea--Leaf rollers--Extermination)

ZASSOWSKI, Leslaw

Modern dispersion mixers in the paints and lacquer industry.
Polimery 7 no.3:97-101 Mr '62.

1. Instytut Farb i Lakierow, Warszawa.

S/282/63/000/001/003/011
A059/A126

AUTHOR: Zassowski, Lesław

TITLE: Modern dispersing apparatus for the varnish and paint industry

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i kholodil'noye mashinostroyeniye, no. 1, 1963, 7, abstract 1.47.43 (Polymery, tworzywa wielkocząsteczkowe, v. 7, no. 3, 1962, 97 - 101; Polish; summaries in English and Russian)

TEXT: A brief description of the most widespread apparatus and their purposes is given. There are 8 figures and 7 references.

[Abstracter's note: Complete translation]

Card 1/1

ZASTANCHENKO, M.A.; SHEVCHENKO, V.P.

Planing machine with hard-alloy tipped knives. Der. prom.
5 no.10:22 0 '56. (MLRA 9:11)

(Planing machines)

ZASTAVA, V.

Vesicular surface of the epidermis of the embryonal skin. *Mol. listy* 31 Suppl:215-226 2 Jan 1951. (CML 20:9)

1. Of the Institute of Histology of the Medical Faculty of Charles University, Prague (Head--Prof. Jan Wolf, M.D.).

CZECHOSLOVAKIA / Human and Animal Morphology (Normal and Pathological). Methods and Techniques of Investigation.

8

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40699

Author : Zastava, V.

Inst : Not given

Title : Celloidin Impregnation of Sections as a Method of Observation of Cells and Their Processes

Orig Pub : Ceskosl. morfol., 1955, 3, No 3, 274-275

Abstract : No abstract given

Card 1/1

KLUZAK, R.; TITLBACH, M.; ZASTAVA, V.

Contribution to the problem of non-immunological causes of destruction of nonautogenic transplants. Study of heterotransplantation of hyaline cartilage. Acta chir. orthop. traum. cech. 29 no.6:484-488 D '62.

1. Klinika plasticke chirurgie lekarske fakulty hygienicke University Karlovy v Praze prednosta akademik F. Burian Laborator experimentalni morfologie a elektronove mikroskopie CSAV, prednosta akademik J. Wolf Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek.

(CARTILAGE)

(TRANSPLANTATION)

MALEK, P.; KOLC, J.; ZASTAVA, VL.; ZAK, F.; PELESKA, B.

Fixation of tetracycline antibiotics in the focus of myocardial infarct.
Cas. lek. ceak. 101 no.32/33:981-984 17 Ag '62.

I. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof.
dr. B. Spacek. --- II. patologickananatomicky ustav KU v Praze, prednosta
prof. dr. V. Jedlicka.

(TETRACYCLINE)

(MYOCARDIAL INFARCT)

MALEK, P.; DOBRKOVSKY, M.; ZASTAVA, V.; KOLC, J.

The proposed use of tetracycline antibiotics for the evaluation of the degree of burns. Acta chir. plast. 5 no.1:48-56 '63.

1. Institute for Clinical and Experimental Surgery, Prague (Czechoslovakia)
Director: Prof. B. Spacek, D. Sc. The Burns Unit of the Clinic of Plastic
Surgery, Prague Chief: Academician F. Burian.
(CHLORTETRACYCLINE) (BURNS) (DIAGNOSIS)

ONDRACEK, Z.; ZASTAVA, V.

Penetration of tetracycline into the gallbladder in obstruction of the cystic duct. Rozhl. chir. 42 no.3:152-154 Mr '63.

1. Ustav klinické a experimentální chirurgie v Praze, ředitel prof. dr. B. Spacek, DrSc.

(CYSTIC DUCT) (TETRACYCLINE) (OXYTETRACYCLINE)
(CHLORTETRACYCLINE) (BILIARY DYSKINESIA.)
(GALLBLADDER)

KOCVARA, S.; ZASTAVA, VI.

A new method for the study of pyelorenal reflux. Rozhl. chir.
42 no.3:201-202 Mr '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel
prof. dr. B. Spacek, DrSc.
(CHLORTETRACYCLINE) (KIDNEY PELVIS)
(FLUORESCENCE)

U.S.S.R. / CZECHOSLOVAKIA

ZAK, F., MALEK, P., ZASTAVA, V., and KOLC, J., Second Institute of Pathological Anatomy (il. patologickoanatomicky ustav), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, (Prof. Dr V. JEDLICKA, director) and Institute of Clinical and Experimental Surgery (ustav klinicke a experimentalni chirurgie), Prague, (Prof. Dr B. SPACEK, director) [individual affiliations cannot be determined].

"Prolonged Persistence of Tetracycline Antibiotics in the Organism under Pathological Conditions"

Prague, Casopis Lekarů Ceskych, Vol CII, No 32/33, 16 August 1963, pp 902-906.

Abstract [Authors' English summary, modified]: Discussed is the prolonged fixation of tetracycline antibiotics (TA) under pathological conditions. Under physiological conditions the TA are retained only in biologically active bone marrow. Under pathological conditions prolonged fluorescence is found also in tissues liable to calcification. A very intensive trapping and retention occurs in the striated skeletal and cardiac muscles. After discussing various specific cases the authors conclude that the fixation is caused by the formation of stable chelate TA complexes in tissues with bivalent cations, particularly cations of calcium. This phenomenon is discussed from the morphological view point. Forty-two references, including 25 Czech.

1/1

ABSTRACT

F. HALER, VI. BACHTOVA, J. KOLC and Fr. LAM, Institute for Clinical and Experimental Surgery (Ústav klinické a experimentální chirurgie) Chief (reditel) Prof Dr B. ŠIMON, DrSc; and Second Department of Pathological Anatomy of Medical Faculty, Charles University (II. patologickoanatomický ústav fakulty všeobecné lékařství KU [Charles University]) Head (Prednost) Prof Dr M. ŠMÍDKA, DrSc; Prague

"Regarding the Possibility of Diagnosing Malignant Tumors with the Tetracycline Antibiotics."

Prague, Časopis Lékařů Českych, Vol 102, No 1, 4 Jan 1958; pp 16-20.

Abstract [English summary modified]: After reviewing topic, authors summarize their results (no data presented) which indicate that tetracyclines do not selectively accumulate in tumors to permit e.g. diagnosis of gastric tumors by fluorescence microscopy of irrigation smear; tetracyclines accumulate in necrotic tissues and in those undergoing regressive changes, primarily in histiocytes whether cause of regression-necrosis be tumorous or not. Only in murine ascites tumor did authors find fluorescence of actual tumor cell. Many tumor tissues:

CZECHOSLOVAKIA

Prague, Casopis Lekaru Ceskych, Vol 107, No 1, 6 Jan 1963; pp 16-20.

accumulate and store tetracyclines up to three times more avidly than do tumors. In fatty necrosis of pancreas accumulation is very high. The tissue tropism of tetracyclines in conjunction with fluorescence or scintillation radiodiagnostic techniques could well be a useful diagnostic adjunct in differential diagnosis of pancreatic diseases, to identify areas of necrosis after burns, in myocardial infarction; but not in tumors as both false positives and false negatives are too frequent on account of lack of specificity of tropism. Table, 12 Western and 8 Czech (all from authors' group) references.

PROCHAZKA, P.; ROKOS, J.; ZASTAVA, V.; KOLC, J.

Localization and uptake of chlortetracycline in the pancreas.
Cas. lek. cesk. 104 no.27/28:743-744 9 J1 '65.

1. Mikrobiologický ústav Československé akademie věd v Praze
(ředitel akademik I. Malek) a Ústav klinické a experimentální
chirurgie v Praze (ředitel prof. dr. B. Spacek, DrSc.).

MALEK, P.; HAMMER, J.; ZASTAVA, V.; PISA, Z.; KOLC, J.; GRAFFNETER, D.

Experimental models of myocardial infarction without opening of the thorax and tetracyclines. Cas. lek. cesk. 104 no.36: 986-990 10 S '65.

1. Ustav klinické a experimentální chirurgie v Praze (ředitel prof. dr. B. Spacek, DrSc.) a Ustav pro výzkum chorob obehu krevního v Praze (ředitel prof. dr. J. Brod, DrSc.). Submitted September 1964.

MALEK, P.; HAMMER, J.; ZASTAVA, V.; PISA, Z. Technical assistance: KOLC, J.
GRAFNETTER, D.

The diagnostic significance of fixation of tetracycline anti-
biotics in infarcted myocardium. Cor vasa 7 no.2:125-130 '65.

1. Institute for Clinical and Experimental Surgery and Institute
for Cardiovascular Research, Prague, Czechoslovakia.

ZASTAVA, V.; KOLC, J.; BELAN, A.

Chlortetracycline fluorescence in the myocardium damaged by temporary occlusion of the coronary artery. Rozhl. chir. 44 no. 5:295-298 My'65.

I. Ustav klinické a experimentální chirurgie v Praze (reditel: prof. dr. B. Spacek, DrSc.).

SPACEK, B.; PELESKA, B.; ZASTAVA, V.; HAMMER, J.; PISA, Z. Technicka
spoluprace: RABL, M.; ELAZEK, Z.; ZMRHALOVA, A.; CERNA, H.; MAJEROVA, H.

Reversibility of cardiac contraction after temporary obstruction
of the coronary arteries. Cas. lek. cesk. 104, no.1:11-11 8 Ja '65

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel -
prof. dr. B. Spacek, DrSc.) a Ustav pro choroby obehu krevniho
v Praze (reditel - prof. dr. J. Brod, DrSc.).

ONDRACEK, Z.; ZASTAVA, V.

Penetration of tetracycline antibiotics into the wall of the gallbladder altered by inflammation. Rozhl. chir. 44 no.5: 310-314 My'65.

1. Ustav klinicke a experimentalni chirurgie v Praze (reditel: prof. dr. B. Spacek, DrSc.).

MALEK, P.; KOLC, J.; ZASTAVA, V.

Tetracycline antibiotics, and calciphylaxis. Cas. lek. cesk.
104 no.12:333-335 26 Mr'65.

1. Ustav klinicke a experimentalni chirurgie, Praha-Krc, (reditel:
prof. dr. B. Spacek, DrSc.).

MALEK, P.; ZASTAVA, VI.; KOLEC, J.; KOCANDRLE, V.; DOBRKOVSKY, M.

On the problem of the diagnostic use of tetracycline antibiotics. Rozhl. chir. 42 no.3:155-160 Mr '63.

1. Ustav klinické a experimentální chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc. Oddel. popalenin kliniky plasticke chirurgie lekarske fakulty hygienické KU v Praze, prednosta akademik F. Burian.

(TETRACYCLINE) (NEOPLASM DIAGNOSIS) (ISCHEMIA)
(NECROSIS) (INFLAMMATION) (BURNS)
(MYOCARDIAL INFARCTION) (FLUORESCENCE)

ZAK, F.; MALEK, P.; ZASTAVA, V.; KOLC, J.

On the problem of prolonged retention of tetracycline antibiotics in the body in pathological states. Cas. lek. cesk. 102 no.32/33:902-906 16 Ag '63.

1. II. patologickoanatomicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Jedlicka Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek.
(TETRACYCLINE) (CALCIFICATION) (CALCULI)
(MUSCLES) (MYOCARDIUM)

KRAJICEK, M.; CHVAPIL, M.; ZASTAVA, V.

A new type of vascular prosthesis with high porosity. Rozh.
chir. 42 no.9:628-633 S '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel
prof. dr. B. Spacek, DrSc. Ustav hygieny prace a chorob z
povolani v Praze, reditel prof. dr. J. Teisinger, DrSc.
(BLOOD VESSEL PROSTHESIS) (POLYMERS)

MALEK, P.; DEMELOVA, J.; ZASTAVA, V.; KOLC, J.

Problems of tetracycline antibiotics in the prevention and treatment of experimental gas gangrene. Rozhl. chir. 42 no.3: 196-200 Mr '63.

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(NEOPLASMS) (TETRACYCLINE) (DIAGNOSIS)